Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112618\
Data File : BF110959.D
Acq On : 26 Nov 2018 13:05
Operator : JU/SJ
Sample : SSTDICV040
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : ICVBF112618

Quant Time: Nov 26 15:28:54 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF112618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 26 15:26:09 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	67718	20.00	ng		0.00
21) Naphthalene-d8	8.22	136	296623	20.00	ng		0.00
39) Acenaphthene-d10	9.98	164	142481	20.00	ng		0.00
64) Phenanthrene-d10	11.48	188	272010	20.00	ng		0.00
76) Chrysene-d12	14.13	240	210103	20.00	ng		0.00
87) Perylene-d12	15.67	264	156176	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.55	112	346081	84.75	ng		0.00
7) Phenol-d6	6.57	99	433317	81.43	ng		0.00
23) Nitrobenzene-d5	7.51	82	419013	80.84	ng		0.00
42) 2,4,6-Tribromophenol	10.78	330	117575	83.09	ng		0.00
45) 2-Fluorobiphenyl	9.30	172	795505	80.89	ng		0.00
79) Terphenyl-d14	13.06	244	835718	77.43	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.75	88	81944	41.885	ng		91
3) Pyridine	3.55	79	169813	39.639	ng	#	82
4) n-Nitrosodimethylamine	3.52	42	82069	41.866	ng		86
6) Aniline	6.60	93	275200	41.833	ng	#	57
8) 2-Chlorophenol	6.72	128	199897	41.305	ng		96
9) Benzaldehyde	6.50	77	117529	41.845	ng		100
10) Phenol	6.58	94	251046	41.890	ng	#	69
11) bis(2-Chloroethyl)ether	6.67	93	183726	40.692	ng		96
12) 1,3-Dichlorobenzene	6.87	146	219625	41.310	ng		99
13) 1,4-Dichlorobenzene	6.96	146	223289	40.841	ng		99
14) 1,2-Dichlorobenzene	7.11	146	209274	40.670	ng		99
15) Benzyl Alcohol	7.09	79	173121	42.332	ng		94
16) 2,2'-oxybis(1-Chloropropan	7.20	45	292457	40.701	ng		78
17) 2-Methylphenol	7.19	107	157132	40.836	ng	#	85
18) Hexachloroethane	7.44	117	83025	41.283	ng		93
19) n-Nitroso-di-n-propylamine	7.35	70	144365	41.647	ng		98
20) 3+4-Methylphenols	7.35	107	206678	40.406	ng		91
22) Acetophenone	7.35	105	280885	40.399	ng	#	93
24) Nitrobenzene	7.53	77	217026	40.266	ng		97
25) Isophorone	7.76	82	337442	39.690	ng		97
26) 2-Nitrophenol	7.85	139	109528	41.827	ng		92
27) 2,4-Dimethylphenol	7.87	122	162355	41.056	ng		99
28) bis(2-Chloroethoxy)methane	7.96	93	231183	40.589	ng		98
29) 2,4-Dichlorophenol	8.08	162	169931	41.065	ng		98
30) 1,2,4-Trichlorobenzene	8.16	180	188453	40.637	ng		95
31) Naphthalene	8.25	128	559910	40.269	ng		99
32) Benzoic acid	8.03	122	105673	35.942	ng		95
33) 4-Chloroaniline	8.30	127	238413	40.285	ng		99
34) Hexachlorobutadiene	8.35	225	107035	40.523	ng		98
35) Caprolactam	8.69	113	56160	39.753	ng	#	87
36) 4-Chloro-3-methylphenol	8.78	107	185445	40.333	ng		94
37) 2-Methylnaphthalene	8.93	142	365547	39.803	ng		100
38) 1-Methylnaphthalene	9.03	142	350834	39.273	ng		100
40) 1,2,4,5-Tetrachlorobenzene	9.10	216	182447	40.706	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.07	237	18799	41.613	ng		99
43) 2,4,6-Trichlorophenol	9.22	196	112439	42.003	ng		95
44) 2,4,5-Trichlorophenol	9.27	196	117732	41.769	ng		97
46) 1,1'-Biphenyl	9.40	154	533708	40.630	ng		100
47) 2-Chloronaphthalene	9.43	162	384608	40.382	ng		98
48) 2-Nitroaniline	9.53	65	121527	40.794	ng		98
49) Acenaphthylene	9.85	152	549096	40.544	ng		99
50) Dimethylphthalate	9.70	163	419561	40.151	ng		100
51) 2,6-Dinitrotoluene	9.77	165	96128	41.322	ng		98
52) Acenaphthene	10.02	154	350286	40.345	ng		98
53) 3-Nitroaniline	9.95	138	110810	40.869	ng		91
54) 2,4-Dinitrophenol	10.07	184	33724	42.842	ng		91
55) Dibenzofuran	10.19	168	508450	40.142	ng		96
56) 4-Nitrophenol	10.12	139	56415	39.684	ng		98
57) 2,4-Dinitrotoluene	10.19	165	123370	40.876	ng	#	88
58) Fluorene	10.53	166	397927	40.379	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.31	232	92295	39.899	ng		93
60) Diethylphthalate	10.39	149	429576	39.865	ng		100
61) 4-Chlorophenyl-phenylether	10.52	204	207615	40.278	ng		95
62) 4-Nitroaniline	10.57	138	103896	41.155	ng		98
63) Azobenzene	10.68	77	423400	40.311	ng		98
65) 4,6-Dinitro-2-methylphenol	10.60	198	54753	42.553	ng		92
66) n-Nitrosodiphenylamine	10.64	169	371397	41.015	ng		98
67) 4-Bromophenyl-phenylether	11.01	248	120844	40.792	ng	#	91
68) Hexachlorobenzene	11.09	284	128443	40.706	ng	#	94
69) Atrazine	11.16	200	105862	43.159	ng		97
70) Pentachlorophenol	11.29	266	52338	41.691	ng		98
71) Phenanthrene	11.50	178	578276	40.140	ng		100
72) Anthracene	11.56	178	588915	40.140	ng		99
73) Carbazole	11.72	167	572341	40.192	ng		99
74) Di-n-butylphthalate	12.02	149	674496	40.511	ng		99
75) Fluoranthene	12.70	202	588923	39.774	ng		99
77) Benzidine	12.82	184	175335	32.626	ng		99
78) Pyrene	12.93	202	605825	39.479	ng		99
80) Butylbenzylphthalate	13.52	149	276307	39.882	ng		97
81) Benzo(a)anthracene	14.12	228	491133	39.594	ng		100
82) 3,3'-Dichlorobenzidine	14.08	252	168021	39.504	ng		97
83) Chrysene	14.16	228	485304	39.744	ng		99
84) Bis(2-ethylhexyl)phthalate	14.07	149	373963	40.509	ng		98
85) Di-n-octyl phthalate	14.69	149	605640	41.561	ng		98
86) Indeno(1,2,3-cd)pyrene	17.26	276	334059	38.113	ng		99
88) Benzo(b)fluoranthene	15.21	252	369981	40.326	ng		100
89) Benzo(k)fluoranthene	15.24	252	395926	41.926	ng		99
90) Benzo(a)pyrene	15.60	252	340071	39.820	ng		98
91) Dibenzo(a,h)anthracene	17.26	278	281711	39.980	ng		98
92) Benzo(g,h,i)perylene	17.74	276	270991	39.887	ng		100

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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